OMB Control No. 2060-0328

Implementation Plan

Distribution Sector

Company Information

Partner Address Label Here

If the information provided above is incorrect, please make corrections below.

Company Name:	
Gas Star Contact:	
Position:	
Address:	
City, State, Zip Code:	
Telephone:	
Fax:	
Email:	

Implementation Plan Elements

ELEMENT 1 Best Management Practices (BMPs)

The following BMPs have been identified as significant opportunities to cost effectively reduce methane emissions from the distribution sector. They were selected based on their applicability to the industry, economic feasibility, and cost-effectiveness. There are 2 core BMPs for the distribution sector:

BMP 1 Directed inspection and maintenance at gate stations and surface facilities
BMP 2 Identify and rehabilitate leaky distribution pipe

For detailed information on these BMPs, please refer to the Lessons Learned publications on the Natural Gas STAR Web site: <*http://www.epa.gov/gasstar/techprac.htm*>.

ELEMENT 2 Partner Reported Opportunities (PROs)

Current partners have reported many processes and technologies that are considered "other Best Management Practices" by the program. New partners are encouraged to evaluate and report current and new practices or technologies that cost effectively reduce methane emissions. PROs are made available to all partners, and can be viewed at: <*www.epa.gov/gasstar/pro/index.htm#table*>.

ELEMENT 3 Inventory Past Reductions

Partners are encouraged to report past methane emission reductions back to 1993. Accounting for these historical reductions will create a permanent record of your company's methane emission reduction efforts. More information is available in the Spring 1999 Natural Gas STAR Partner Update, which can be viewed at: <*http://www.epa.gov/gasstar/news/newsletters.htm*>.

The Implementation Plan is designed to be a dynamic tool for Natural Gas STAR Partners to plan their program activities. As company priorities and plans shift over time, the Implementation Plan may be revised or updated by submitting a new form to the program.

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ELEMENT 1
Best Management Practices

BMP 1
Directed Inspection and Maintenance at Gate Stations and Surface Facilities

A DI&M program is a system for performing routine leak detection and repair where leak measurement data from previous inspections are used to guide subsequent inspections and direct maintenance to those leaks that are cost effective to repair.

Estimated Reduction Potential
1,190 Mcf per station

Will you be implementing this BMP? ☐ **Yes** ☐ **No**

If no, why?

- ☐ **Not cost effective**
- ☐ **May consider at a later date**
- ☐ **Other** _____ **please describe:**

If yes, at what scale will you be implementing this BMP?

- ☐ **Company Wide**
- ☐ **Pilot Project**
- ☐ **Other** _____

Please describe:

Activity Summary

Number of gate stations and surface facilities? _____

Number of gate stations and surface facilities at which DI&M will take place? _____

Inspection Schedule

Facilities will be inspected: ☐ **quarterly** ☐ **annually** ☐ **biannually** ☐ **other** _____

Please list the number of gate stations and surface facilities that will implement BMP 1 in upcoming years.

Year _____ **Number of gate stations and surface facilities** _____

Year _____ **Number of gate stations and surface facilities** _____

Year _____ **Number of gate stations and surface facilities** _____

Year _____ **Number of gate stations and surface facilities** _____

Additional Information on Anticipated Plans and Projects

If additional space is needed, please continue on the back.

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BMP 2
Identify and Rehabilitate Leaky Distribution Pipe

To reduce methane emissions, companies can use data from leak surveys and patrols, leak repair histories, corrosion monitoring records and other sources to identify and repair or replace the leakiest pipeline segments.	Estimated Reduction Potential 29 Mcf/year/mile - Average Mains 0.3 Mcf/year/mile - Average Services

Will you be implementing this BMP? ☐ Yes ☐ No

If no, why?

- ☐ Not cost effective
- ☐ May consider at a later date
- ☐ Other _____ please describe:

If yes, at what scale will you be implementing this BMP?

- ☐ Company Wide
- ☐ Pilot Project
- ☐ Other _____

Please describe:

Activity Summary

Total distribution pipeline mileage? _____

Total distribution pipeline mileage selected for this BMP? _____

Replacement Schedule

Total distribution pipeline mileage to be rehabilitated by the end of:

Year 1: _____ Year 2: _____ Year 3: _____ Year 4: _____

Additional Information on Anticipated Plans and Projects

If additional space is needed, please continue on the back.

ELEMENT 2
Partner Reported Opportunities

PROs
Your company may take advantage of additional technologies or practices to reduce methane emissions. These can be reported to Natural Gas STAR as PROs. Following is a list of some of the PROs that have been reported by other Gas STAR partners, which may be applicable to your operations (for more information on these PROs, please view: <*www.epa.gov/gasstar/pro/index.htm*> and <*www.epa.gov/gasstar/pro/index.htm#table*>):
☐ Reduce/downgrade system pressure ☐ Inject blowdown gas into low pressure system ☐ DI&M: survey and repair leaks ☐ Use hot taps for in-service pipeline connections

PROs you will be implementing	Please describe
PRO ____________ At what scale will this PRO be implemented? ☐ Company Wide ☐ Pilot Project ☐ Other ____________	
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ELEMENT 3
Inventory Past Reductions

An inventory of past reductions will help to create a permanent record of your past efforts.

As a first step, many new partners find it useful to inventory and document past methane emission reduction efforts. The inventory process helps companies quantify the success of their past activities and target future emission reduction efforts. Historical emission reductions identified as part of the inventory process can be reported to the Gas STAR Program.

Will you inventory past activities to include in your annual report? ☐ Yes ☐ No

If yes, please describe your company's plans for reviewing past emission reduction activities.

The Natural Gas STAR Program thanks you for your time.

Please send completed forms to:

Regular Mail
The Natural Gas STAR Program
U.S. EPA (6207J)
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Express/Overnight Mail
The Natural Gas STAR Program
U.S. EPA (6207J)
1310 L Street, NW
Washington, DC 20005

Questions? Please call Roger Fernandez: (202) 343-9086 or Fax (202) 343-2202